



# CFP2000 Result

Copyright ©1999-2005, Standard Performance Evaluation Corporation

**Hewlett-Packard Company**  
ProLiant ML570 G3 (3.0GHz, Intel dual-core Xeon)

SPECfp2000 = **1348**  
SPECfp\_base2000 = **1319**

SPEC license #: 3 Tested by: Hewlett-Packard Company Test date: Sep-2005 Hardware Avail: Oct-2005 Software Avail: Jun-2005

Benchmark	Reference Time	Base Runtime	Base Ratio	Runtime	Ratio	1000 2000 3000 4000			
168.wupwise	1600	82.5	1938	82.6	1936	[Bar chart showing ratio 1936]			
171.swim	3100	182	1707	182	1707	[Bar chart showing ratio 1707]			
172.mgrid	1800	148	1213	149	1211	[Bar chart showing ratio 1211]			
173.applu	2100	178	1179	176	1193	[Bar chart showing ratio 1193]			
177.mesa	1400	112	1252	112	1253	[Bar chart showing ratio 1253]			
178.galgel	2900	102	2851	102	2847	[Bar chart showing ratio 2847]			
179.art	2600	95.9	2711	95.9	2711	[Bar chart showing ratio 2711]			
183.quake	1300	93.9	1384	70.0	1857	[Bar chart showing ratio 1857]			
187.facerec	1900	167	1137	167	1137	[Bar chart showing ratio 1137]			
188.amp	2200	249	882	249	882	[Bar chart showing ratio 882]			
189.lucas	2000	171	1172	171	1167	[Bar chart showing ratio 1167]			
191.fma3d	2100	191	1097	191	1097	[Bar chart showing ratio 1097]			
200.sixtrack	1100	188	586	188	585	[Bar chart showing ratio 585]			
301.apsi	2600	257	1011	257	1011	[Bar chart showing ratio 1011]			

### Hardware

CPU: Intel dual-core Xeon (3.0GHz, 2x2MB L2, 667MHz bus)  
CPU MHz: 3000  
FPU: Integrated  
CPU(s) enabled: 1 core, 1 chip, 2 cores/chip (Hyper-Threading Technology disabled)  
CPU(s) orderable: 1,2,4  
Parallel: No  
Primary Cache: 12K micro-ops I + 16KBD (on chip) per core  
Secondary Cache: 2048KB(I+D) (on chip) per core  
L3 Cache: N/A  
Other Cache: N/A  
Memory: 16x1024MB PC2-3200  
Disk Subsystem: 1x36.4GB 15K Ultra320 SCSI  
Other Hardware:

### Software

Operating System: Windows Server 2003 Enterprise SP1  
Compiler: Intel C++ Compiler for 32-bit applications, (Version 9.0 Build 20050624Z)  
Intel Fortran Compiler for 32-bit applications, (Version 9.0 Build 20050624Z)  
Microsoft Visual Studio .NET 7.0.9466 (for libraries)  
MicroQuill Smarheap Library 7.0  
File System: NTFS  
System State: Default

## Notes/Tuning Information

+FDO: PASS1=-Qprof\_gen PASS2=-Qprof\_use

Base tuning: -fast -Qansi\_alias +FDO

Portability flags:

178.galgel: -FI /F32000000

Peak tuning:

168.wupwise: -fast -Qansi\_alias +FDO  
171.swim: -fast -f77rtl +FDO ONESTEP=yes  
172.mgrid: -fast -Qansi\_alias +FDO  
173.applu: -fast -Qscalar\_rep- -Qauto -f77rtl +FDO ONESTEP=yes  
177.mesa: -fast +FDO ONESTEP=yes  
178.galgel: -fast +FDO ONESTEP=yes  
179.art: basepeak=1  
183.quake: -fast -Oa -Qrcd +FDO ONESTEP=yes shlw32M.lib  
187.facerec: -fast -Qunroll1 -Qscalar\_rep- -fpp +FDO ONESTEP=yes  
188.amp: basepeak=1



# CFP2000 Result

Copyright ©1999-2005, Standard Performance Evaluation Corporation

Hewlett-Packard Company  
ProLiant ML570 G3 (3.0GHz, Intel dual-core Xeon)

SPECfp2000 = 1348

SPECfp\_base2000 = 1319

SPEC license #: 3 | Tested by: Hewlett-Packard Company | Test date: Sep-2005 | Hardware Avail: Oct-2005 | Software Avail: Jun-2005

## Notes/Tuning Information (Continued)

```
189.lucas:    -fast
191.fma3d:    basepeak=1
200.sixtrack: -fast                +FDO
301.apsi:     basepeak=1
BIOS Configuration Notes
Hyper-Threading Technology disabled
Other Configuration Notes
/NUMPROC=1 flag was added to boot.ini to invoke uniprocessor environment.
```